

January 31st-2012

H. E. Saleh Aidrous Al Wahedi
Senior Vice President, Engineering & Projects
Abu Dhabi Company for Onshore Oil Operations (ADCO)

UAE Society for Trenchless Technology (UAE-STT) is a national technical society that is established under the American University of Sharjah (AUS) and aims to advance trenchless technology and to promote its benefits for the public and the environment by increasing awareness and knowledge through information dissemination; research and development; education and training; and partnerships with organizations and agencies interested in trenchless technology and its benefits. Also, UAE-STT looks forward to nationalize the trenchless technology providers, i.e. NDRC (Non-Disruptive Road Crossing) subcontractors. Drilltech Boring & Installation is one of the UAE local companies which are supported by Khalifa Fund for Enterprise Development in Abu Dhabi.

UAE-STT kindly requests that you agree on approving Drilltech in ADCO's Vendors' List for the following reasons:

1. Drilltech has been awarded the HDD part of the project from NCC as a subcontractor (the letter of acceptance and work order are attached with this letter).
2. Drilltech executed several HDD projects successfully in Abu Dhabi.
3. UAE-STT recently received an official letter forwarded to Your Excellency from Khalifa Fund asking for fastening Drilltech registration at ADCO. A copy of the letter is attached with this letter.
4. Bylaw: Article III of Law No. 13 Year 209 stated that: "Departments, institutions, bodies and government companies in the Emirate must provide support to the Khalifa Fund and the projects being funded. This support is identified by the Executive Council and upon the recommendation of the Board of Directors of the Fund".
5. Drilltech is registered with TAKREER and in the process of registering with GASCO. Drilltech TAKREER registration number is: 908425.

UAE-STT is looking forward for your constructive reaction to this matter and kindly don't hesitate to contact us if you have any further clarification about this matter.

Sincerely,
Dr. Eng'r Wael Saleh, Ph.D.
Chairman of UAE Society for Trenchless Technology (UAE-STT)
UK Visiting Research Fellow
Innovative & Performance Management Advisor
AUS AA Research Chapter Representative
Email: wael.saleh@alumni.aus.edu
Mobile: 97150-8002484
UAE

المرجع: KF/3200/12/KS

التاريخ: 29 / يناير / 2012

المحترم

السيد / صالح عبدروس الواحدي
نائب رئيس أول - قسم الهندسة والمشاريع
شركة أبوظبي للعمليات البترولية البرية (أدكو)

تحية طيبة و بعد،

الموضوع: المناقصة رقم: NCC-T&D/P12383/ADCO/WO/024

بداية يطيب لنا أن نرسل إليكم خالص تحياتنا وصادق أمنياتنا، متمنين لكم كل النجاح والتوفيق.

وكما تعلمون فقد أنشئ صندوق خليفة لتطوير المشاريع بإمارة أبوظبي بمرسوم أميري رقم 14 لسنة 2005 عن صاحب السمو الشيخ خليفة بن زايد آل نهيان رئيس الدولة - حفظه الله. حيث يهدف الصندوق إلى تقديم جميع وسائل الدعم الممكنة لتنمية روح الإستثمار لدى رواد الأعمال المواطنين و مساعدتهم على إقامة مشاريعهم الخاصة. كما تنص المادة الثالثة في القانون رقم 13 لسنة 2009 على أن "تلتزم الدوائر والمؤسسات والهيئات والشركات الحكومية وشبه الحكومية في الإمارة بتقديم الدعم للصندوق وللشركات التي يساهم فيها أو يمولها، ويحدد هذا الدعم بقرار من المجلس التنفيذي بناء على توصية مجلس إدارة الصندوق".

وإننا على ثقة من توفر الرغبة لديكم في مواكبتنا مسيرة النمو والعطاء التي أطلقتها حكومتنا الرشيدة وتنتهجها إدارات جميع المؤسسات والهيئات والوزارات في دولتنا المعطاء.

ومن هذا المنطلق فإننا نصبو للحصول على دعمكم الكريم للسيد/ معتصم محمد أحمد حسن خوري، لمشروعه/ " دريل تك للحفريات والتعميدات " والذي يعد أحد المشاريع الحاصلة على موافقة ودعم صندوق خليفة.

لذا نرجو من سيادتكم النظر في إمكانية إعفاء المذكور أعلاه من كفالة دخول الممارسة (تأمين ابتدائي) وذلك بما يتناسب مع القوانين المتبعة لديكم .

شاكرين لكم حسن تعاونكم.

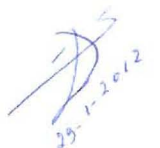
وتقبلوا فائق الإحترام والتقدير،


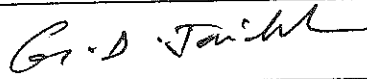
ملاحظة : لا تقبل هذه الرسالة إلا في صورتها الأصلية



راشد الزعابي

المدير التنفيذي - دائرة دعم وتطوير المشاريع

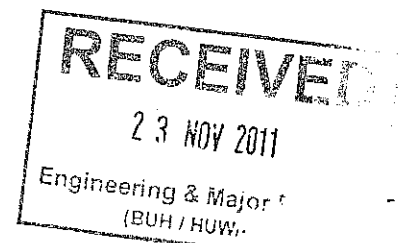


NATIONAL CONTRACTING CO. LTD 		ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)		Trans. No.: NCC/ADCO/P12383/217 Contr No. CTA/15115.01/EC 10773 /217 Page No. : 1/3	
TRANSMITTAL LETTER (TL)					
P/Contract Title: ENGINEERING, PROCUREMENT AND CONSTRUCTION OF 33KV OHL FROM BUHASA TO BIDA AL QEMZAN				Cont. No : 15115.01 / EC 10773	
To	Name	Function	Signature	Date	
	Mr. Tareq Al Hosani	SPM			
Remarks :					
ADCO response before					
List of Attachments					
Doc. Ref. No.	Rev	Cop	Title	Act	Sts
	A	3	PRE-QUALIFICATION DOCUMENTS OF DRILLTECH BORING AND INSTALLATION EST. FOR HDD DRILLING OF ROAD CROSSING	R	3
From: (NCC)	Name	Function	Signature	Date	
	G.D. Jaichandran	Project Manager		20-11-11	

Legend Action: R - For review, approval; I - For Information.

Legend Status:

- 1 - Received without Comments. Work may Proceed.
- 2 - Work May Proceed incorporating Changes Listed.
3. Revise and Resubmit Work Effected by Comments. May not Proceed.
- 4 . No Further Review Work May Proceed.
- I - For Information



NATIONAL
CONTRACTING CO. LTD



ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS

(ADCO)

Contr No.CTA/15115.01/EC 10773 /217

Page No: 2/3

REVIEW SHEET (RS)

Contract Title : ENGINEERING, PROCUREMENT AND CONSTRUCTION OF
33KV OHL FROM BUHASA TO BIDA AL QEMZAN

Cont. No.:15115.01 EC 10773

'R - Review 'I - Information		SERIAL (SEQUENTIAL NUMBERS) OR PARALLEL ROUTING												C	A	S/P	Target	Date	Sign.
		C	A	S/P	Target	Date	Sign.												
R E V I E W P A N E L	1	SPM (TH)						15	OPR DIV										
	2	EM (BUH)						16	HSE DIV										
	4	SPsE (IM)						17	CM (BUH)										
	4	SCiE (MN)						18	SPC (BUH)										
	5	SME (IH)						19	TL										
	6	SEE (NB)						20	PCM (GLM)										
	7	SCE (HB)						21	CE (AS)										
	8	SPIE (BS)						22	SEE(PW)										
	9	SCC (AR)						23	SCiE (CTB)								30.11.11		
	11	SCr.E(FM)							A.M.B.A								30.11.11		
	12	PMQ (MD)							Fwid								30.11.11		
	13	SDD (MD)							Agha								30.11.11		
	14	TE(Oscar)																	

Action Parties (A) to return transmittal/comments to Review Coordinator (C) before
Review Coordinator to return consolidated response to Project Engineer before

Review Coordinator Information to Project Coordinator (P)

Review Coordinator (C) Name:

Desg.:

Tel :

Fax :

Interdisciplinary Remarks:

Proposed vendor is not in vendor list *Approved* *24/11/11*

A
C
T
I
O
N

Remarks - Review comments with:

☐

impact on project

☐

no impact on project

C

Signature:

Date:

E
M

Remarks: Agree with the above comments

Signature :

Date :

NATIONAL CONTRACTING CO. LTD 		ABU DHABI COMPANY FOR ONSHORE OIL OPERATIONS (ADCO)		Contr No. CTA/15115.01/EC 10773 /217 Page No. : 3/3		
ACTION LETTER (AL)						
P/Contract Title : ENGINEERING, PROCUREMENT AND CONSTRUCTION OF 33KV OHL FROM BUHASA TO BIDA AL QEMZAN				P/Cont. No.: 15115.01 / EC 10773		
A D C O 	To	Name Mr. Tareq Al Hosani	Function SPM	Signature	Date	
	List of Additional Attachments					
	Doc. Ref. No.	Rev	Title			
Project Engineer's Instructions:						
<div style="display: flex; justify-content: space-between;"> <div> Consultant to: <input type="checkbox"/> incorporate comments & proceed <input checked="" type="checkbox"/> review comments & advise impact before proceeding </div> <div style="border: 1px solid black; border-radius: 50%; width: 150px; height: 100px; margin-left: 20px; position: relative;"> <div style="position: absolute; top: 0; right: 0; width: 100%; height: 100%; background: linear-gradient(to bottom right, transparent 49%, black 49%, black 51%, transparent 51%); background-size: 4px 4px;"></div> </div> </div>						
FROM	Name Mr. Tareq Al Hosani	Function SPM	Signature	Date		
TO						
N C C	Project Manager Statement:					
	<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Comments accepted and incorporated. <input type="checkbox"/> Impact agreed, ADCO comments incorporated. </div> <div> <input type="checkbox"/> Comments with impact. ADCO advised. <input type="checkbox"/> Impact not agreed. Comments not incor'd </div> </div>					
	From: (NCC)	Name T.G. Ramesh	Function Acting Project Manager	Signature	Date	

Legend Action: R - For review, approval; I - For Information.

Legend Status:

1 - Received without Comments. Work may Proceed.

2 - Work May Proceed incorporating Changes Listed.

3. Revise and Resubmit Work Effected by Comments. May not Proceed.

4. No Further Review Work May Proceed.

I - For Information

(Abu Dhabi Branch)
P.O. Box : 40327
Abu Dhabi
United Arab Emirates
Tel. : +971 2 447 2990 / 447 2993
Fax : +971 2 447 2991
E-mail : ncc@nccemirates.ae



قسم النقل والتوزيع
Transmission & Distribution Division

(فرع ابوظبي)
ص.ب: ٤٠٣٢٧
ابوظبي - ا.ع.م.
الامارات العربية المتحدة
تلفون : ٤٤٧٢٩٩٣ / ٤٤٧٢٩٩٠ +٩٧١٢
فاكس : ٤٤٧٢٩٩١ +٩٧١٢
بريد الالكتروني: ncc@nccemirates.ae

WORK ORDER

NCC-T&D/P12383/ADCO/WO/024

08-Nov-2011

M/s. Drilltech Boring & Installation Est.
Abu Dhabi
UAE

Tel: No. 02 6436363
Fax: No. 02 6436262

Engr. Faris M.M. Hennouh
Project Manager

E-mail: fhannoun@drilltech.ae
Mob: 050-8002565
050-8365054

Dear Sir,

Sub : ADCO - 33KV OHL FROM BU HASA TO BIDA AL QEMZAN
ADCO CONTRACT No. 15115.01 / EC 10773, ADCO Project No. P12383
NDM WORKS (HORIZONTAL DIRECTIONAL DRILLING - HDD)

Ref : Your Final Revised Quotation DT-HDD-102011-0084 Dt. 19 October 2011

Referring to the above and further discussions had with you, we are pleased to place this Work order on M/s. Drilltech Boring & Installation Est. for NDM Works.

SCOPE OF WORK & PRICE:

S.No.	Description	Qty. (LM)	Unit Rate AED	Amount AED
1	Supply, Welding & Installation of 13 Crossings, 1-Way 6" HDPE Pipe for 20M Road with 14M Clearance as per ADCO Specification & Standards. (13 Crossings x 34M)	442	675.00	298,350.00
2	Mobilization/Demobilization charges	1	LS	10,000.00
Total (AED Three Hundred Eight Thousand Three Hundred Fifty Only)				308,350.00

NDM (Horizontal Directional Drilling - HDD) Works for installation of 33kV Cable. M/s.DRILLTECH to carry out the works of Supply & Installation of 13 Crossings 1-Way 6" HDPE Pipe as per ADCO Standard & approved drawings. M/s. DRILLTECH shall use Drawing No.12.45.59.0604 A Sheet 1 & 2 as reference for executing works respectively for the exact location of crossings.

DRILLTECH shall complete entire scope in full compliance with ADCO project HSE and QA/QC requirements.

Contd...2/-



A Member of the Alireza Group of Companies

Division Office : Tel: +966 3 8683120 Fax: +966 3 868 3130

Head Office : Tel: +966 3 8825700 Fax: +966 3 8826678, P O Box 90, AlKhobar 31952, Kingdom of Saudi Arabia

REGISTERED COMPANY : REZAYAT EUROPE LTD. 52, MOUNT STREET, LONDON, W1K 2SF

1.0 PAYMENT :

100% Payment shall be made after 30 Days from the date of submission of invoice duly certified by our Project Manager.

The payment cheque shall be issued in favour of M/s. Drilltech Boring & Installation Est.

2.0 COMPLETION:

M/S. DRILLTECH shall commence the site works within 10 days from receipt of the Work Order and shall complete all works within 30 days from the date of commencement of work.

3.0 GENERAL CONDITIONS:

3.1 M/s.DRILLTECH shall submit for review and approval of NCC their execution schedule for the works within one week.

3.2 M/s.DRILLTECH shall submit the Method Statement within 5 days along with the required Engineering Calculations, Drawings, approval documents, equipment information etc. for NCC/ADCO review and approval.

3.3 M/s. DRILLTECH shall refer the Drawing No. 12.45.59.0604 A Sheet 1 & 2 for the exact location of crossings. 1 No. CD containing final approved cable route drawings shall be handed over to DRILLTECH at our Abu Dhabi Office.

3.4 M/s. DRILLTECH shall specify in their submittal that the installation of HDPE Casing Pipe by NDM Method, Integral part of the Scope requirement and price, shall be as ADCO approved final cable layout / configuration for the crossings at each location.

3.5 Before executing the job, route length of crossings to be finalized by preliminary site survey by DRILLTECH. For Preliminary survey, reference drawing will be provided by NCC.

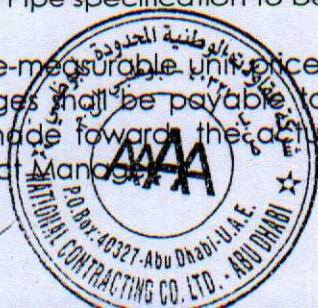
3.6 M/s. DRILLTECH to provide Guarantee for Road Settlement (Guarantee to NCC/ADCO/Municipality). In case within stipulated period of it settles the repair will be carried out by DRILLTECH by their own cost.

3.7 M/s. DRILLTECH to provide Online VMD.

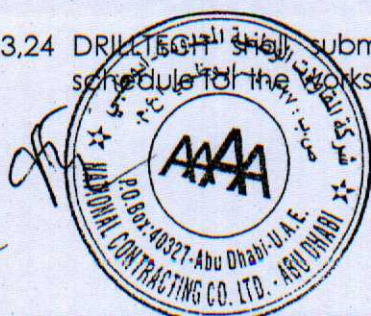
3.8 M/s. DRILLTECH shall provide Job Performer and also shall give necessary certificates for applying oil pass.

3.9 HDPE Pipe specification to be submitted to NCC / ADCO for approval purpose.

3.10 It is re-measurable unit price contract, hence no idling charges/compensation charges shall be payable towards equipment, manpower etc., Payment shall be made towards the actual quantity executed at site and certified by our Project Manager.



- 3.11 Insurance for your vehicles / equipment and drivers / operators/ workers shall be arranged by M/s. DRILLTECH.
- 3.12 M/s DRILLTECH drivers / operators should have undergone/passed ADSD safety driving course as per ADCO regulations / requirements. H2S & breathing course to be attended for all M/s. DRILLTECH's staff.
- 3.13 The personnel deputed by M/s. DRILLTECH shall be skilled in their profession and if we found any of the persons not suitable, M/s. DRILLTECH shall arrange for suitable / immediate replacement. The Personnel deputed by M/s DRILLTECH shall follow all ADCO rules and regulations.
- 3.14 M/s DRILLTECH personnel should have valid labour card as per UAE labor rules and regulations
- 3.15 M/s.DRILLTECH shall mobilize required no. of equipments / manpower to complete the job as per project requirement. All construction equipments to be deployed in ADCO Oil field must have (ADCO Approved) Third party certificates as per ADCO requirement. The vehicle shall meet HSE requirement.
- 3.16 Working hours shall be 10 hours per day from Saturday to Thursday except in during inclement weather. In case, M/s. DRILLTECH are planning for additional working hours necessary approval shall be taken from ADCO.
- 3.17 M/s. DRILLTECH will be responsible of site cleaning for working locations after completion of work as per ADCO requirements.
- 3.18 M/s. DRILLTECH's representative at site shall program / co-ordinate site activities in consultation with NCC's site representative.
- 3.19 M/s.DRILLTECH shall arrange to provide food & accommodation for M/s.DRILLTECH's personnel at their cost.
- 3.20 M/s. DRILLTECH shall deploy sufficient number of watch and ward for the safety and security of construction equipment.
- 3.21 All Safety Personal Protection Equipments viz., Safety Shoes, Cover All, Helmet and Goggles shall be arranged by M/s. DRILLTECH.
- 3.22 All QA/QC, HSE requirement of ADCO shall be complied by M/s. DRILLTECH.
- 3.23 As built drawings to be submitted by DRILLTECH after completion of the each and every location.
- 3.24 DRILLTECH shall submit for review and approval of NCC their execution schedule for the works within one week keeping in view.



3.25 Following documents will be submitted by DRILLTECH to NCC for arranging LOA:

- i) Manpower List
- ii) Vehicle List
- iii) Equipment List
- iv) Tools & Tackles List
- v) Third Party Certificate
- vi) Driving License

3.26 Supply of all required consumables and potable water by DRILLTECH.

4.0. OTHER CONDITIONS:

4.1 M/s. DRILLTECH shall under no circumstances sublet any portion of the work covered under this work order.

4.2 M/s DRILLTECH shall indemnify, defend and hold NCC harmless from any and all claims, loss, expenses and damages arising from or related to any criminal misappropriation or misapplication by any of M/s. DRILLTECH personnel or any property in connection with the performance of the work.

5.0 WARRANTY / GUARANTEE :

DRILLTECH will provide an undertaking to NCC for responsibility of any Road settlement for a period of 12 (twelve) months from the date of completion. During this period if any Road settlement occurs, DRILLTECH to rectify the same at their own cost or engage ADCO approved agency to rectify the same on their behalf.

6.0 CONTACT PERSON:

AT ABU DHABI OFFICE	AT BU HASA SITE
Mr. G.D. JAICHANDRAN (PROJECT MANAGER) Mobile: 050 6614173 gdj@nccemirates.ae	MR. G. PRAMOD (CONSTRUCTION MANAGER) Mobile: 050 5730165 E-Mail: pramod.nccemirates@gmail.com

7.0. ORDER ACKNOWLEDGMENT:

Please return to us a copy of this work order duly signed and stamped as a token of acceptance to proceed further.

Thanking You,

Yours faithfully
for NATIONAL CONTRACTING CO. LTD

T.S. KRISHNA
Country Manager



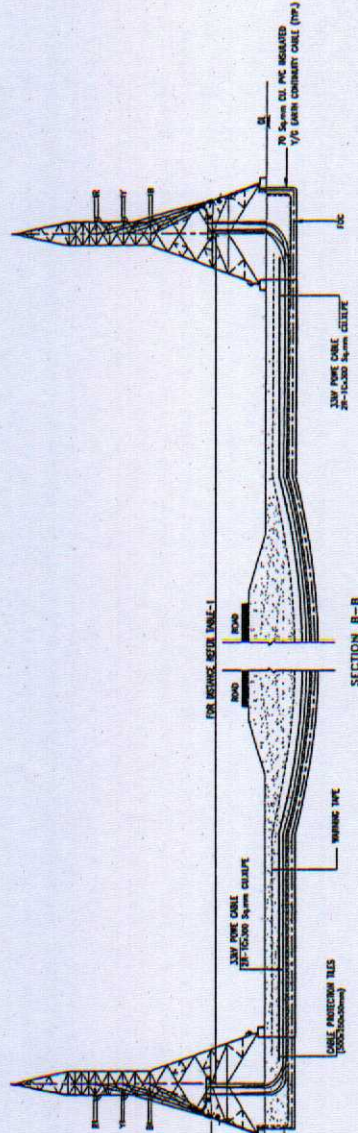
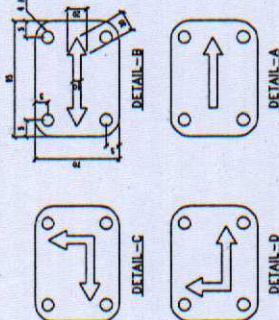
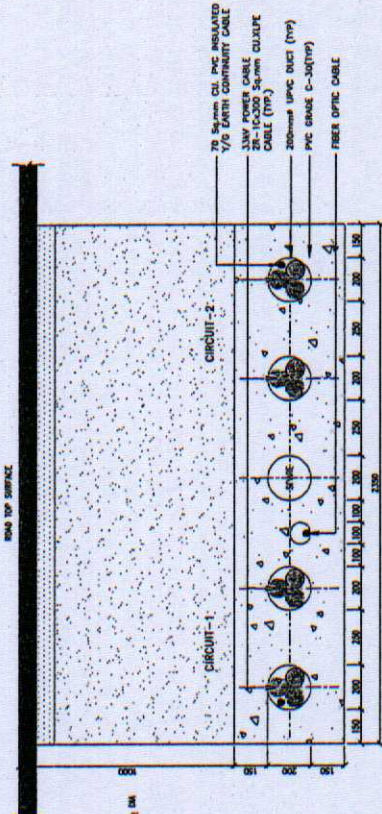
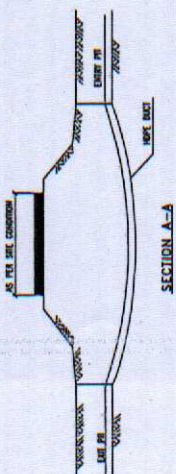
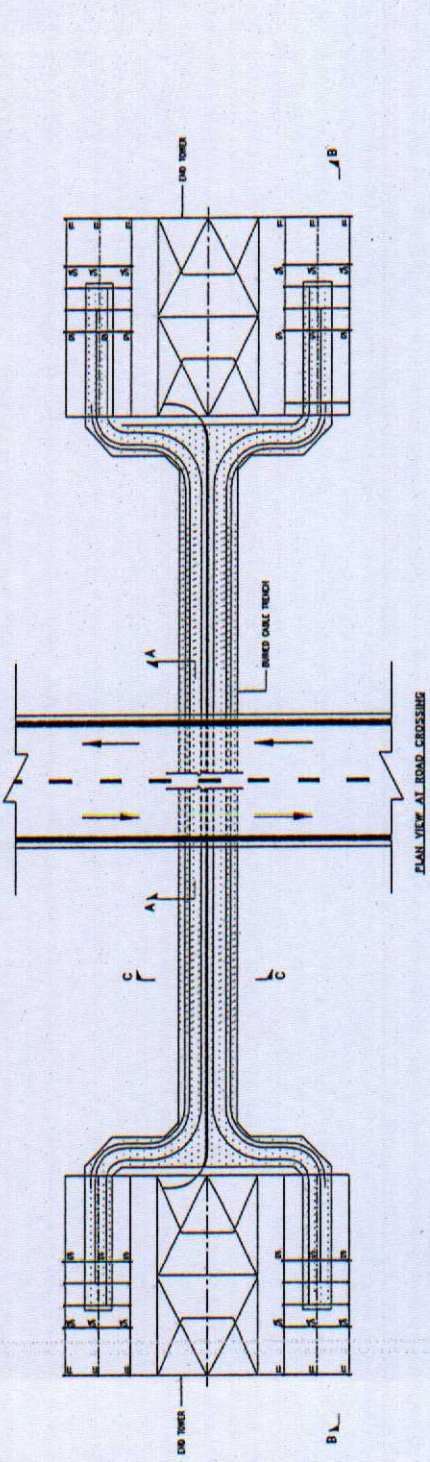
NOTE:-

1. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS OTHERWISE SPECIFIED.
2. EXIST BARRIERS FOR ROAD CROSSING SHALL BE CONCRETE DESIGN PCC TYPE.
3. NEW ROAD CROSSING BY HORIZONTAL DIRECTIONAL DRILLING / OVER THE EXISTING ROAD SHALL BE DONE AT ONE CORNER.
4. CONCRETE BARRIERS SHALL BE FINISHED AT 30m INTERVALS AND AT EACH INTERSECTION OR CHANGE OF DIRECTION.
5. THE CABLE TENSIONING ARRANGEMENTS REFER SHEET 1/2.

ROAD CROSSING TOWER DETAILS:

TABLE-1

S.NO.	FROM	TO	DISTANCE
1.	1102	1118	16

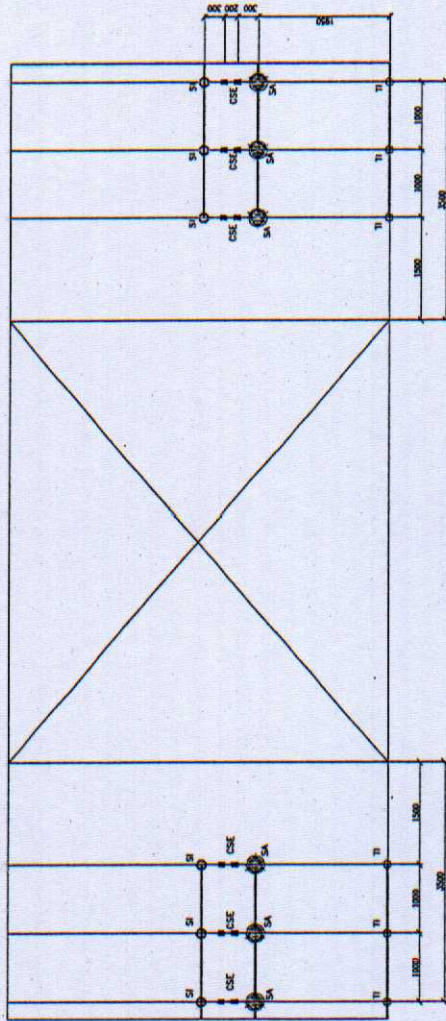


NOTES:

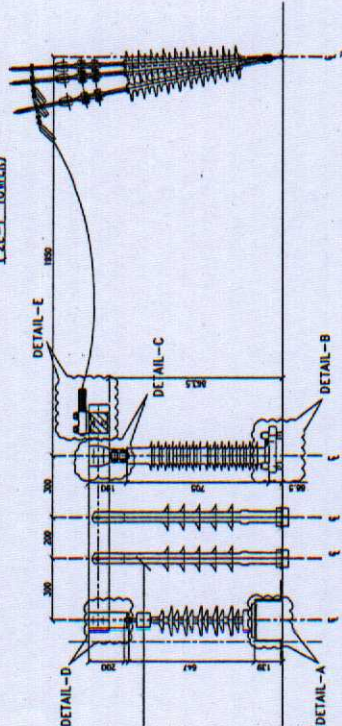
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

LEGEND:

- CSE - CABLE SLEAVING END
- SA - SURGE ARRESTER
- TI - TENSION INSULATOR
- SI - STAND OFF INSULATOR



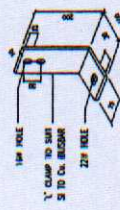
PLAN AT PLATFORM LEVEL
(2E-T TOWER)



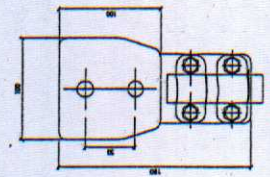
CABLE TERMINATION ARRANGEMENT AT
AT PLATFORM OF TERMINAL TOWER 2E-T



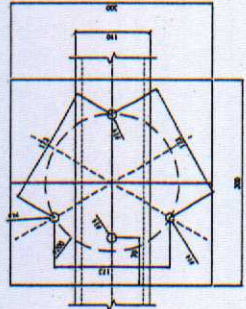
DETAIL-E



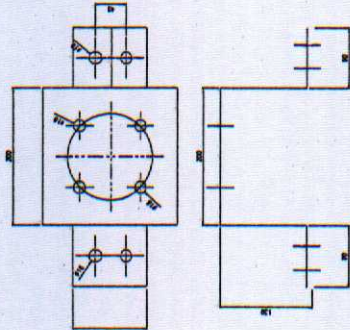
DETAIL-D



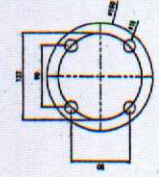
DETAIL-C



DETAIL-B



DETAIL-A



REV.	DATE	BY	CHKD.	APP'D.	REVISION
A	14.8.11	PKS	W	CSH	ISSUED FOR REVIEW
SCALE:	N.T.S.	LOCATION:	BU HASA	PROJECT NO.	P22A3
شركة أبوظبي للصناعات البترولية (أبكو) Abu Dhabi Company for Onshore Oil Operations (ADCO)					
CONTRACTOR: National Contracting Co. Ltd. Construction and Installation Division					
PROJECT: JAWHIL FROM BU HASA TO BUA AL QUDUM					
DRAWING NO.: CABLE TERMINATION AT ROAD CROSSINGS TOWER TYPE 2E-T					

1245906041 2/2



FACSIMILE MESSAGE

We **Refine** Right

To : M/s. Drilltech Boring & Installation
Attn.: General Manager

Fax No.: 6436262
Abu Dhabi

From : Procurement Support Department Manager

Fax No.: 6027442

Abu Dhabi Oil Refining Company (TAKREER)
P.O. Box 3593 - Tel. (9712) 6027000 - Abu Dhabi, U.A.E.

Ref. No.: TKR/5/S/ 1027 /FES/2011

Date : 29 JUN 2011

Subject : REGISTRATION & PRE-QUALIFICATION STATUS

This has reference to your Prequalification documents received on 27.06.2011. Please be informed that your company M/s. **Drilltech Boring & Installation - Abu Dhabi**, is registered in TAKREER records as a *Contractor*. However, the prequalification of your company's capabilities is subject to satisfactory completion of our pre-qualification process, which will be scheduled as per TAKREER requirements in future.

You are advised to quote your Registration No. **908425** in all your future correspondence.

In order to maintain the name of your company in TAKREER records, it is essential that you forward to us regularly copies of the following documents once they are renewed:

1. Commercial Licenses, issued by *Department of Planning & Economy*.
2. Membership Certificate, issued by *Abu Dhabi Chamber of Commerce*.

In addition, any changes to your contacts information should be notified immediately to the undersigned.

Regards,

Hashim Al Hashemi

**If you do not receive all the pages,
Please call Telephone: (9712) 6027479**

No. of pages to follow:

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